Title (en)

Barcode and optical character recognition for a printer label editor

Title (de)

Strichcode- und Zeichenerkennung für einen Drucketiketten-Editor

Title (fr)

Lecteur de codes à barres et de caractères optiques pour editeur des étiquettes imprimées

Publication

EP 1223543 B1 20041006 (EN)

Application

EP 01310541 A 20011217

Priority

US 25661800 P 20001219

Abstract (en)

[origin: EP1223543A1] Computer software which is configured to create a printer label format based on a printed label (30) that has been scanned (10). Specifically, the software provides that an existing label (30) is scanned (10), and then the software converts (12) the scan into a label format through optical character recognition (OCR). The software is configured such that text on the label is recognized as text, graphics are recognized as graphics, etc. and anything on the label which is not specifically recognized by the software is characterized as being a graphic. Preferably, barcodes are recognized as barcodes, and not just as graphics. Subsequently, a user is prompted (14), via a visual display (26, 40), to confirm that the scanned objects have been correctly characterized and the user can change any of the characterizations made by the software. Additionally, the user can link any object to a variable field, and can add embedded printer-specific non-printing control codes to the label format. Once a label format has been created, the label format can be saved (16) and printed (18) at any time, using any supported printer. A method of creating a printer label format by scanning (10) a printed label (30) is also provided, as well as OCR software which is configured to identify barcodes as being barcodes and not just as graphics. <IMAGE>

IPC 1-7

G06K 15/00; G06K 7/10

IPC 8 full level

B41J 21/00 (2006.01); **B41J 21/16** (2006.01); **G06K 1/12** (2006.01); **G06K 7/08** (2006.01); **G06K 7/10** (2006.01); **G06K 9/00** (2006.01); **G06K 9/03** (2006.01); **G06K 15/00** (2006.01)

CPC (source: EP US)

G06K 1/121 (2013.01 - EP US); **G06K 7/084** (2013.01 - EP US); **G06K 7/10881** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

EP 1223543 A1 20020717; **EP 1223543 B1 20041006**; AT E278992 T1 20041015; DE 60106189 D1 20041111; DE 60106189 T2 20060309; DK 1223543 T3 20050131; ES 2228761 T3 20050416; HK 1045207 A1 20021115; HK 1045207 B 20050401; JP 2002329162 A 20021115; PT 1223543 E 20050228; US 2002074408 A1 20020620; US 6832726 B2 20041221

DOCDB simple family (application)

EP 01310541 A 20011217; AT 01310541 T 20011217; DE 60106189 T 20011217; DK 01310541 T 20011217; ES 01310541 T 20011217; HK 02106489 A 20020903; JP 2001382520 A 20011217; PT 01310541 T 20011217; US 1587601 A 20011212